

**DECLARATION AND POWER OF ATTORNEY FOR
UNITED STATES LETTERS PATENT APPLICATION**

As a below-named inventor, I, Davis Foulger, William Babcock, John Esposito, Robert E. McElhaney and William Minckler hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD OF BACKTRACING NETWORK PERFORMANCE the specification which is attached hereto and identified as Attorney Docket No. EMPIR-024AUS.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC §119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS
FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC §119(e)
60/220,918	July 26, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Date of Filing (month, day, year)	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I hereby appoint:

Christopher S. Daly	Reg. No. 37,303
Judith C. Crowley	Reg. No. 35,091
Donald F. Mofford	Reg. No. 33,740
Paul D. Durkee	Reg. No. 41,003
Barry Gaiman	Reg. No. 42,562
Richard M. Sharkansky	Reg. No. 25,800
David W. Rouille	Reg. No. 40, 150
Kermit Robinson	Reg. No. P-48,734

all of Daly, Crowley & Mofford, LLP, 275 Turnpike Street - Suite 101, Canton MA 02021-2310, jointly, and each of them severally, my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all telephone calls and address all correspondence to:

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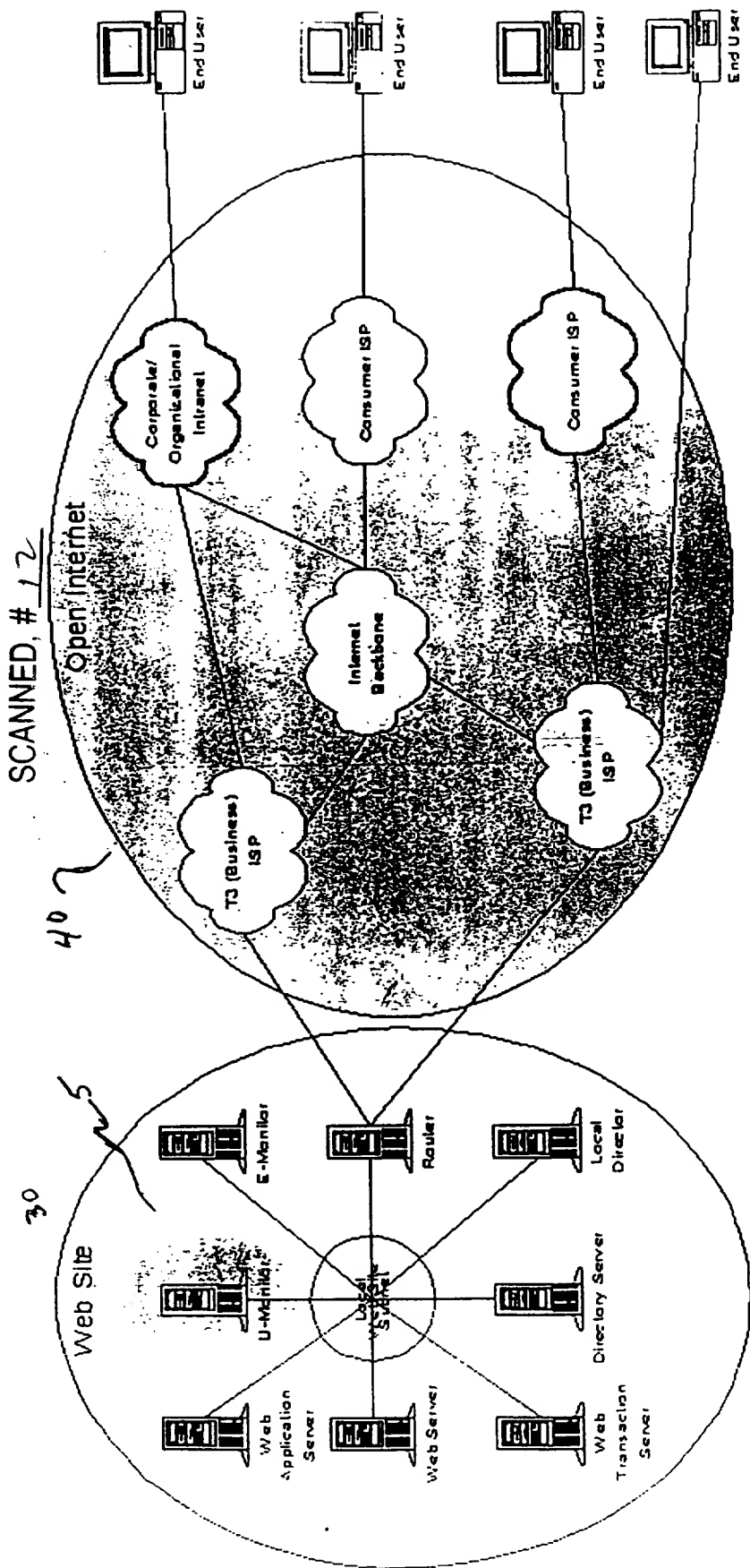


FIG 1

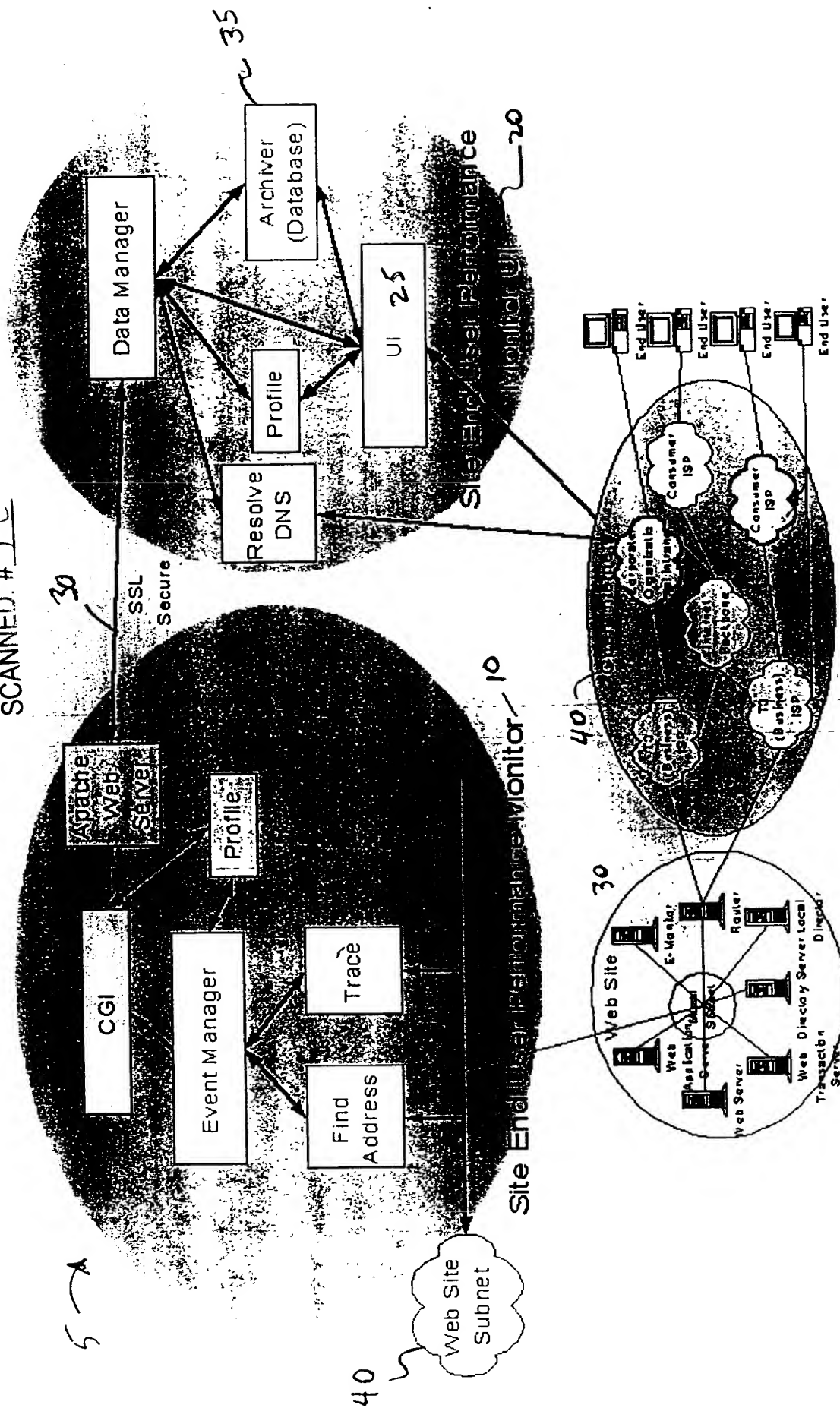
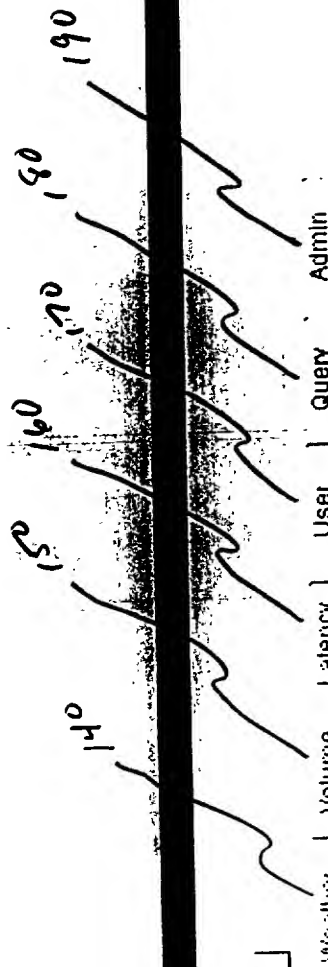


FIG 2

e-network: Geographic View

File Edit View Help

Updated 5/23/2000 10:30am
 10:30am 10:40am 100
 Update Interval 10 minutes



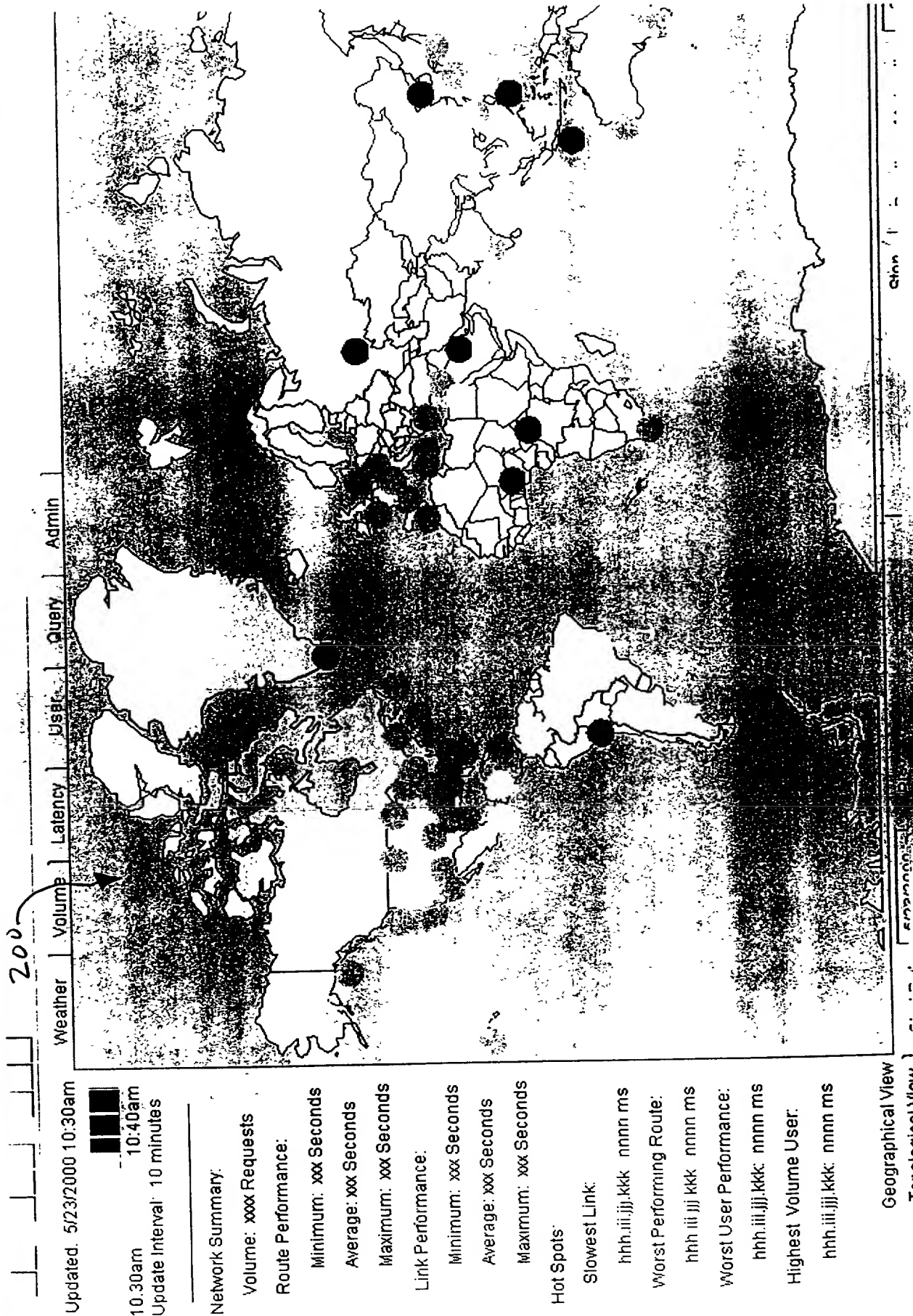
Network Summary

Volume xxx Requests ~ 110
 Route Performance ~ 120
 Minimum xxx Seconds
 Average xxx Seconds
 Maximum xxx Seconds ~ 130
 Link Performance
 Minimum xxx Seconds

Fig 3

e-network: Geographic View

File Edit View Help



e-network: Geographic View

File Edit View Help

Updated 5/23/2000 10:30am

10:30am

Update Interval: 10 minutes

Network Summary:

Volume: xxx Requests

Route Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Link Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Hot Spots:

Slowest Link:

hhh.iii.jjj.kkk: nnnn ms

Worst Performing Route:

hhh.iii.jjj.kkk: nnnn ms

Worst User Performance:

hhh.iii.jjj.kkk: nnnn ms

Highest Volume User:

hhh.iii.jjj.kkk: nnnn ms

Geographic View

Weather	Volume	Latency	User	Query	Admin	Min Latency	Average Latency	Max Latency
Router Domain	# Child Blocks	# Measurements						
Washington, DC	17	175				186		
New York City	14	140				243		
San Francisco	12	152				247		
Chicago	11	98				253		
Atlanta	10	72				374		
Boston	10	106				259		
Dallas	8	84				380		
Austin	8	78				494		
Seattle	6	67				382		
London	6	45				682		
Miami	6	54				346		
Tokyo	6	32				1351		
Los Angeles	5	47				341		
Hong Kong	5	63				2542		
Houston	5	35				231		
Paris	5	52				632		
Taipei	4	37				2374		
Tampa	4	42				296		
Philadelphia	3	24				342		
St Louis	3	36				213		
Rome	3	23				879		
Tel Aviv	3	29				754		
Memphis	2	24				311		
Columbus	2	17				277		

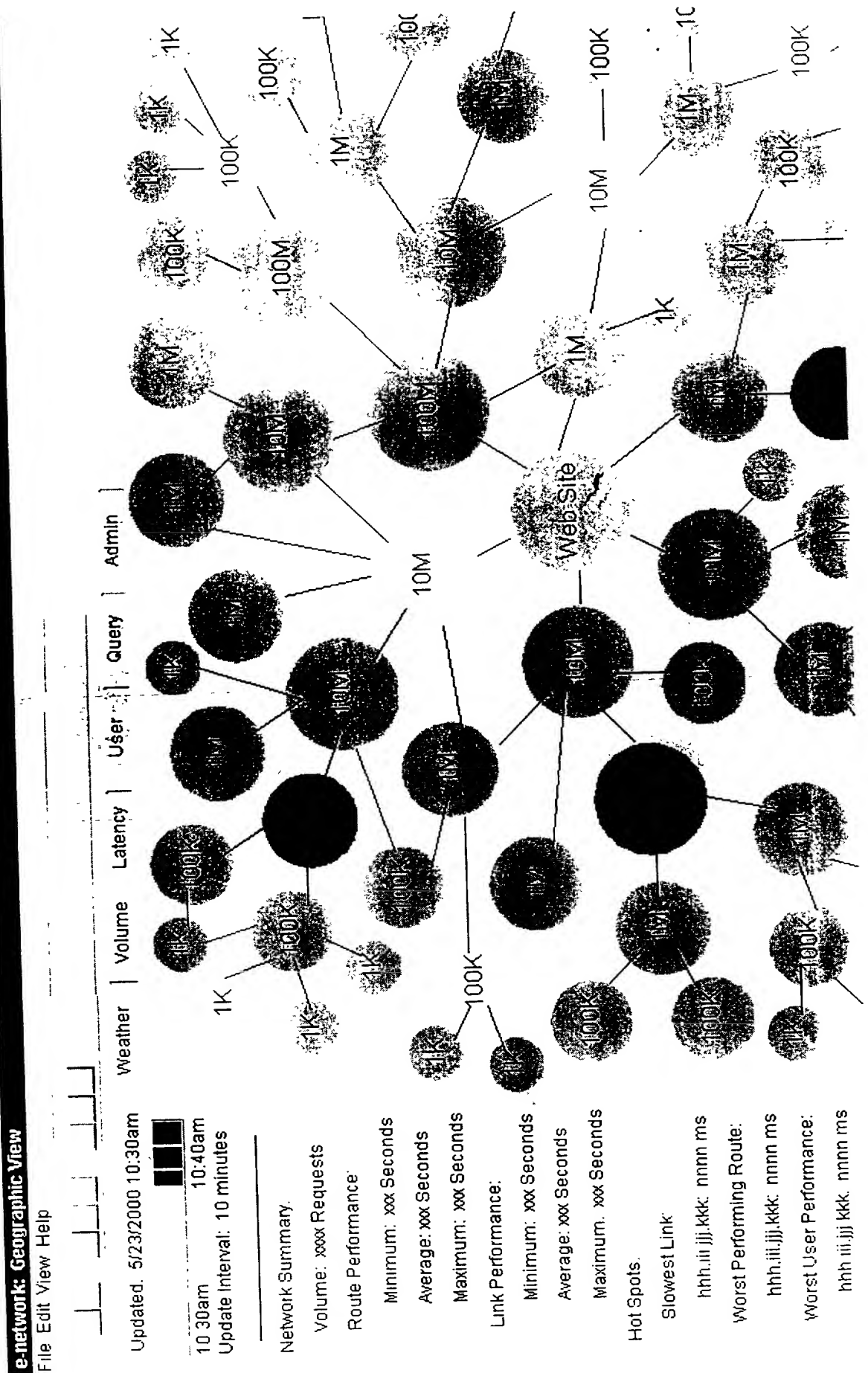


Fig 8

e-network: Geographic View

File Edit View Help



Updated: 5/23/2000 10:30am

10:30am 10:40am

Update Interval: 10 minutes

Weather Volume Latency User Query Admin

Site Volume



Network Summary:

Volume: xxx Requests

Route Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Link Performance:

Minimum: xxx Seconds

Average: xxx Seconds

Maximum: xxx Seconds

Hot Spots:

Slowest Link:

hhh.iii.jjj.kkk: nnnn ms

Worst Performing Route:

hhh.iii.jjj.kkk: nnnn ms

Worst User Performance: